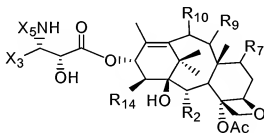


### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

#### Listing of Claims:

1. (currently amended) A taxane having the formula



R<sub>2</sub> is acyloxy;

R<sub>7</sub> is hydroxy;

R<sub>9</sub> is keto, hydroxy, or acyloxy;

R<sub>10</sub> is R<sub>10a</sub>COO-;

R<sub>10a</sub> is hydrocarbyl, substituted hydrocarbyl, or heterocyclo wherein said hydrocarbyl or substituted hydrocarbyl contains carbon atoms in the alpha and beta positions relative to the carbon atom of which R<sub>10a</sub> is a substituent and said heterocyclo is bonded to the carbonyl carbon of R<sub>10a</sub>COO- through a ring carbon atom;

R<sub>14</sub> is ~~hydride~~ hydrogen or hydroxy;

X<sub>3</sub> is heterocyclo;

X<sub>5</sub> is -COX<sub>10</sub>, -COOX<sub>10</sub>, or -CONHX<sub>10</sub>;

X<sub>10</sub> is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and

Ac is acetyl.

2. (original) The taxane of claim 1 wherein R<sub>10a</sub> is substituted or unsubstituted C<sub>2</sub> - C<sub>8</sub> alkyl, C<sub>2</sub> - C<sub>8</sub> alkenyl or C<sub>2</sub> - C<sub>8</sub> alkynyl.

3. (previously presented) The taxane of claim 2 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.
4. (original) The taxane of claim 2 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.
5. (canceled)
6. (currently amended) The taxane of claim 2 wherein  $R_{14}$  is ~~hydride~~ hydrogen.
7. (previously presented) The taxane of claim 6 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.
8. (original) The taxane of claim 6 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.
9. (canceled)
10. (original) The taxane of claim 2 wherein  $R_2$  is benzoyloxy.
11. (previously presented) The taxane of claim 10 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

12. (original) The taxane of claim 10 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

13. (canceled)

14. (currently amended) The taxane of claim 2 wherein  $\text{R}_{14}$  is ~~hydride~~ hydrogen and  $\text{R}_9$  is keto.

15. (previously presented) The taxane of claim 14 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

16. (original) The taxane of claim 14 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

17. (canceled)

18. (original) The taxane of claim 2 wherein  $\text{R}_2$  is benzoyloxy and  $\text{R}_9$  is keto.

19. (previously presented) The taxane of claim 18 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

20. (original) The taxane of claim 18 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

21. (canceled)

22. (currently amended) The taxane of claim 2 wherein  $R_{14}$  is ~~hydride~~ hydrogen and  $R_2$  is benzoyloxy.

23. (previously presented) The taxane of claim 22 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

24. (original) The taxane of claim 22 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

25. (canceled)

26. (currently amended) The taxane of claim 2 wherein  $R_{14}$  is ~~hydride~~ hydrogen,  $R_9$  is keto, and  $R_2$  is benzoyloxy.

27. (previously presented) The taxane of claim 26 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

28. (original) The taxane of claim 26 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

29. (canceled)

30. (original) The taxane of claim 1 wherein  $R_{10a}$  is  $\text{C}_2 - \text{C}_8$  alkyl.

31. (previously presented) The taxane of claim 30 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

32. (original) The taxane of claim 30 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

33. (canceled)

34. (currently amended) The taxane of claim 30 wherein  $R_{14}$  is hydride hydrogen.

35. (previously presented) The taxane of claim 34 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

36. (original) The taxane of claim 34 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

37. (canceled)

38. (original) The taxane of claim 30 wherein  $R_2$  is benzoyloxy.

39. (previously presented) The taxane of claim 38 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

40. (original) The taxane of claim 38 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

41. (canceled)

42. (currently amended) The taxane of claim 30 wherein  $\text{R}_{14}$  is hydride hydrogen and  $\text{R}_9$  is keto.

43. (previously presented) The taxane of claim 42 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

44. (original) The taxane of claim 42 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

45. (canceled)

46. (original) The taxane of claim 30 wherein  $\text{R}_2$  is benzoyloxy and  $\text{R}_9$  is keto.

47. (previously presented) The taxane of claim 46 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

48. (original) The taxane of claim 46 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

49. (canceled)

50. (currently amended) The taxane of claim 30 wherein  $R_{14}$  is ~~hydride~~  
hydrogen and  $R_2$  is benzoyloxy.

51. (previously presented) The taxane of claim 50 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

52. (original) The taxane of claim 50 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

53. (canceled)

54. (currently amended) The taxane of claim 30 wherein  $R_{14}$  is ~~hydride~~  
hydrogen,  $R_9$  is keto, and  $R_2$  is benzoyloxy.

55. (previously presented) The taxane of claim 54 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

56. (original) The taxane of claim 54 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

57. (canceled)

58. (original) The taxane of claim 1 wherein  $R_{10a}$  is ethyl.

59. (previously presented) The taxane of claim 58 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

60. (original) The taxane of claim 58 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

61. (canceled)

62. (currently amended) The taxane of claim 58 wherein  $R_{14}$  is hydride hydrogen.

63. (previously presented) The taxane of claim 62 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

64. (original) The taxane of claim 62 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

65. (canceled)

66. (original) The taxane of claim 58 wherein  $R_2$  is benzoyloxy.

67. (previously presented) The taxane of claim 66 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.



68. (original) The taxane of claim 66 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

69. (canceled)

70. (currently amended) The taxane of claim 58 wherein  $\text{R}_{14}$  is hydride hydrogen and  $\text{R}_9$  is keto.

71. (previously presented) The taxane of claim 70 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

72. (original) The taxane of claim 70 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

73. (canceled)

74. (original) The taxane of claim 58 wherein  $\text{R}_2$  is benzoyloxy and  $\text{R}_9$  is keto.

75. (previously presented) The taxane of claim 74 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

76. (original) The taxane of claim 74 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

77. (canceled)

78. (currently amended) The taxane of claim 58 wherein  $R_{14}$  is ~~hydride~~  
hydrogen and  $R_2$  is benzoyloxy.

79. (previously presented) The taxane of claim 78 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

80. (original) The taxane of claim 78 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

81. (canceled)

82. (currently amended) The taxane of claim 58 wherein  $R_{14}$  is ~~hydride~~  
hydrogen,  $R_9$  is keto, and  $R_2$  is benzoyloxy.

83. (previously presented) The taxane of claim 82 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

84. (original) The taxane of claim 82 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

85. (canceled)

86. (original) The taxane of claim 82 wherein  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

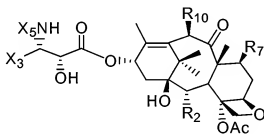
87. (previously presented) The taxane of claim 86 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

88. (original) The taxane of claim 86 wherein  $X_3$  is 2-furyl.

89. (original) The taxane of claim 86 wherein  $X_3$  is 2-thienyl.

90. (canceled)

91. (currently amended) A taxane having the formula



$R_2$  is benzoyloxy;

$R_7$  is hydroxy;

$R_{10}$  is  $R_{10a}COO-$ ;

$X_3$  is heterocyclo;

$X_5$  is  $-COX_{10}$ ,  $-COOX_{10}$ , or  $-CONHX_{10}$ ;

$X_{10}$  is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and

$R_{10a}$  is hydrocarbyl, substituted hydrocarbyl, or heterocyclo wherein said hydrocarbyl or substituted hydrocarbyl contains carbon atoms in the alpha and beta positions relative to the carbon of which  $R_{10a}$  is a substituent and said heterocyclo is bonded to the carbonyl carbon of  $R_{10a}COO-$  through a ring carbon atom; and

Ac is acetyl.

92. (original) The taxane of claim 91 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl.

93. (original) The taxane of claim 92 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl, or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

94. (canceled)

95. (original) The taxane of claim 91 wherein  $X_3$  is furyl or thienyl.

96. (original) The taxane of claim 95 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl, or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

97. (canceled)

98. (original) The taxane of claim 91 wherein  $\text{R}_{10a}$  is ethyl or propyl.

99. (original) The taxane of claim 98 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl.

100. (original) The taxane of claim 99 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl, or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

101. (original) The taxane of claim 99 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl.

102. (original) The taxane of claim 98 wherein  $X_3$  is furyl or thienyl.

103. (original) The taxane of claim 102 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

104. (original) The taxane of claim 91 wherein  $X_3$  is substituted or unsubstituted furyl,  $R_{10a}$  is ethyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

105. (original) The taxane of claim 91 wherein  $X_3$  is substituted or unsubstituted thienyl,  $R_{10a}$  is ethyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

106. (original) The taxane of claim 91 wherein  $X_3$  is 2-furyl or 2-thienyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

107. (original) The taxane of claim 91 wherein  $X_3$  is 2-furyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

108. (original) The taxane of claim 91 wherein  $X_3$  is 2-thienyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

109. (original) A pharmaceutical composition comprising the taxane of claim 1 and at least one pharmaceutically acceptable carrier.

110. (previously presented) The pharmaceutical composition of claim 109 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

111. (original) The pharmaceutical composition of claim 110 wherein  $X_5$  is -COX<sub>10</sub> and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C<sub>1</sub> - C<sub>8</sub> alkyl, C<sub>2</sub> - C<sub>8</sub> alkenyl, or C<sub>2</sub> - C<sub>8</sub> alkynyl, or  $X_5$  is -COOX<sub>10</sub> and  $X_{10}$  is substituted or unsubstituted C<sub>1</sub> - C<sub>8</sub> alkyl, C<sub>2</sub> - C<sub>8</sub> alkenyl, or C<sub>2</sub> - C<sub>8</sub> alkynyl.

112. (canceled)

113. (original) The pharmaceutical composition of claim 109 wherein R<sub>10a</sub> is ethyl or propyl.

114. (previously presented) The pharmaceutical composition of claim 113 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

115. (original) The pharmaceutical composition of claim 114 wherein  $X_5$  is -COX<sub>10</sub> and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C<sub>1</sub> - C<sub>8</sub> alkyl, C<sub>2</sub> - C<sub>8</sub> alkenyl, or C<sub>2</sub> - C<sub>8</sub> alkynyl, or  $X_5$  is -COOX<sub>10</sub> and  $X_{10}$  is substituted or unsubstituted C<sub>1</sub> - C<sub>8</sub> alkyl, C<sub>2</sub> - C<sub>8</sub> alkenyl, or C<sub>2</sub> - C<sub>8</sub> alkynyl.

116. (canceled)

117. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is furyl or thienyl, R<sub>10a</sub> is ethyl, and  $X_5$  is -COX<sub>10</sub> and  $X_{10}$  is phenyl, or  $X_5$  is -COOX<sub>10</sub> and  $X_{10}$  is t-butyl.

118. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is substituted or unsubstituted furyl, R<sub>10a</sub> is ethyl, and  $X_5$  is -COX<sub>10</sub> and  $X_{10}$  is phenyl, or  $X_5$  is -COOX<sub>10</sub> and  $X_{10}$  is t-butyl.

119. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is substituted or unsubstituted thienyl,  $R_{10a}$  is ethyl, and  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

120 -121. (canceled)

122. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is 2-furyl or 2-thienyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

123. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is 2-furyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

124. (original) The pharmaceutical composition of claim 110 wherein  $X_3$  is 2-thienyl,  $R_{10a}$  is ethyl,  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

125 -126. (canceled)

127. (original) A pharmaceutical composition comprising the taxane of claim 91 and at least one pharmaceutically acceptable carrier.

128. (original) A pharmaceutical composition comprising the taxane of claim 95 and at least one pharmaceutically acceptable carrier.

129. (original) A composition for oral administration comprising the taxane of claim 1 and at least one pharmaceutically acceptable carrier.

130. (previously presented) The composition of claim 129 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

131. (original) The composition of claim 130 wherein  $R_{10a}$  is ethyl or propyl.

132. (canceled)

133. (original) The composition of claim 131 wherein  $R_{14}$  is hydrogen,  $R_2$  is benzoyloxy, and  $X_5$  is  $-COX_{10}$  wherein  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  wherein  $X_{10}$  is t-butyl.

134 -136. (canceled)

137. (original) A method of inhibiting tumor growth in mammals, said method comprising orally administering a therapeutically effective amount of a pharmaceutical composition comprising the taxane of claim 1 and at least one pharmaceutically acceptable carrier.

138. (previously presented) The method of claim 137 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl.

139. (original) The method of claim 138 wherein  $R_{10a}$  is ethyl or propyl.

140. (original) The method of claim 139 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

141. (original) The method of claim 140 wherein  $R_{14}$  is hydrogen and  $R_2$  is benzoyloxy.

142 -143. (canceled)

144. (original) The method of claim 141 wherein  $X_3$  is furyl or thienyl;  $R_{10a}$  is ethyl; and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is phenyl.

145. (canceled)



146. (original) The taxane of claim 1 wherein  $R_{10a}$  is propyl,  $X_3$  is 2-furyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is propyl, trans-propenyl, butenyl, 2-thienyl or 2-furyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is ethyl, isopropyl or isobutyl.

147. (original) The taxane of claim 1 wherein  $R_{10a}$  is propyl,  $X_3$  is 2-thienyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is propyl, trans-propenyl, isobutenyl, butenyl, phenyl, 2-thienyl, 2-furyl or 3-pyridyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is ethyl, isopropyl or isobutyl.

148. (original) The taxane of claim 1 wherein  $R_{10a}$  is propyl,  $X_3$  is 3-furyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is trans-propenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is isobutyl.

149. (original) The taxane of claim 1 wherein  $R_{10a}$  is propyl,  $X_3$  is 3-thienyl, and  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is isobutyl.

150. (original) The taxane of claim 1 wherein  $R_{10a}$  is cyclopropyl,  $X_3$  is 2-furyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is propyl, trans-propenyl, butenyl, phenyl, 2-thienyl or 2-furyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is ethyl, isopropyl, isobutyl or t-butyl.

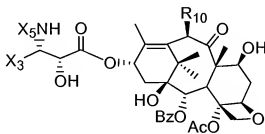
151. (original) The taxane of claim 1 wherein  $R_{10a}$  is cyclopropyl,  $X_3$  is 2-thienyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is propyl, trans-propenyl, butenyl, isobutenyl, phenyl, 2-thienyl, 2-furyl or 3-pyridyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is ethyl, isopropyl, isobutyl or t-butyl.

152. (original) The taxane of claim 1 wherein  $R_{10a}$  is cyclopropyl,  $X_3$  is 3-furyl or 3-thienyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is trans-propenyl or phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is isobutyl or t-butyl.

153. (original) The taxane of claim 1 wherein  $R_{10a}$  is cyclopropyl,  $X_3$  is 2-pyridyl or 4-pyridyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is phenyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl.

154. (original) The taxane of claim 1 wherein  $R_{10a}$  is ethyl,  $X_3$  is 2-furyl, and  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-amyl.

155. (original) A taxane having the formula



$R_{10}$  is  $R_{10a}\text{COO}-$ ;

$R_{10a}$  is ethyl;

$X_3$  is isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl or 4-pyridyl;

$X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is propyl, butenyl, isobutenyl, phenyl, 2-thienyl, 2-furyl, 3-pyridyl or 4-pyridyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is ethyl, isopropyl, isobutyl or t-butyl; and Ac is acetyl.

156. (original) The taxane of claim 155 wherein  $X_3$  is 2-thienyl, 3-thienyl, 2-furyl or 3-furyl.

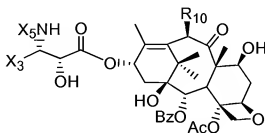
157. (original) The taxane of claim 155 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is propyl or phenyl or  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is isopropyl, isobutyl or t-butyl.

158. (original) The taxane of claim 155 wherein  $X_3$  is 2-thienyl.

159. (original) The taxane of claim 155 wherein  $X_3$  is 2-furyl.

160. (original) The taxane of claim 91 wherein  $R_{10a}$  is ethyl,  $X_3$  is 2-thienyl, 2-furyl or 3-furyl, and  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is trans-propenyl.

161. (original) A taxane having the formula



$R_{10}$  is  $R_{10a}COO-$ ;

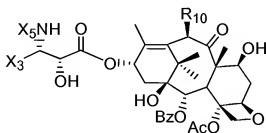
$R_{10a}$  is propyl;

$X_3$  is isopropyl, cyclopropyl, cyclobutyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl or 4-pyridyl;

$X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl; and

Ac is acetyl.

162. (original) A taxane having the formula



$R_{10}$  is  $R_{10a}COO-$ ;

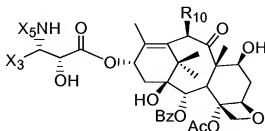
$R_{10a}$  is 2-thienyl or 2-furyl;

$X_3$  is isopropyl, cyclobutyl, isobutenyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, 4-pyridyl or p-nitrophenyl;

$X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl; and

Ac is acetyl.

163. (original) A taxane having the formula:



$R_{10}$  is  $R_{10a}COO-$ ;

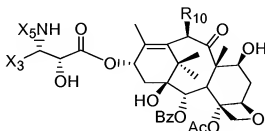
$R_{10a}$  is isobutenyl;

$X_3$  is isobutenyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl or 4-pyridyl;

$X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl; and

Ac is acetyl.

164. (original) A taxane having the formula



$R_{10}$  is  $R_{10a}COO-$ ;

$R_{10a}$  is isopropyl or trans-propenyl;

$X_3$  is isopropyl, cyclobutyl, isobutenyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 4-pyridyl or p-nitrophenyl;

$X_5$  is  $-COOX_{10}$  and  $X_{10}$  is t-butyl; and

Ac is acetyl.

165. (previously presented) The taxane of claim 91 wherein  $X_3$  is heterocyclo substituted by one or more of the groups selected from hydrocarbyl, substituted hydrocarbyl, keto, hydroxy, protected hydroxy, acyl, acyloxy, alkoxy, alkenoxy, alkynoxy, aryloxy, halogen, amido, amino, nitro, cyano, thiol, ketals, acetals, esters and ethers.

166. (previously presented) The taxane of claim 91 wherein  $X_3$  is heteroaryl.

167. (previously presented) The taxane of claim 166 wherein  $X_3$  is furyl, thienyl, pyridyl, oxazolyl, pyrrolyl, indolyl, or isoquinoliny.

168. (previously presented) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is  $\text{C}_1\text{-C}_8$  alkyl.

169. (previously presented) The taxane of claim 168 wherein  $X_{10}$  is ethyl or straight or cyclic propyl, butyl, pentyl or hexyl.

170. (previously presented) The taxane of claim 168 wherein  $X_{10}$  is branched propyl, pentyl or hexyl.

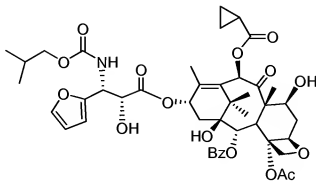
171. (previously presented) The taxane of claim 1 wherein  $R_9$  is hydroxy.

172. (previously presented) The taxane of claim 1 wherein  $R_9$  is acyloxy.

173. (previously presented) The taxane of claim 1 wherein  $R_{14}$  is hydroxy.

174. (previously presented) The taxane of claim 91 wherein  $R_{10a}$  is  $\text{C}_2\text{-C}_6$  alkyl.

175. (previously presented) The taxane of claim 91 having the formula:



176. (new) The taxane of claim 1 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is  $\text{C}_1 - \text{C}_8$  alkyl.

177. (new) The taxane of claim 176 wherein R<sub>2</sub> is benzoyloxy, R<sub>9</sub> is keto, and R<sub>14</sub> is hydrogen.

178. (new) The taxane of claim 168 wherein R<sub>2</sub> is benzoyloxy, R<sub>9</sub> is keto, and R<sub>14</sub> is hydrogen.

179. (new) The pharmaceutical composition of claim 111 wherein X<sub>5</sub> is -COOX<sub>10</sub> and X<sub>10</sub> is C<sub>1</sub> - C<sub>8</sub> alkyl.

180. (new) The composition of claim 130 wherein X<sub>5</sub> is -COOX<sub>10</sub> and X<sub>10</sub> is C<sub>1</sub> - C<sub>8</sub> alkyl.

181. (new) The method of claim 138 wherein  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is  $C_1 - C_8$  alkyl.

182. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is ethyl, isobutyl, isopropyl, or tert-amyl,  $R_{10a}$  is ethyl, cyclopropyl, or propyl, and  $X_3$  is 2-thienyl, 3-thienyl, 2-furyl, or 3-furyl.

183. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl,  $R_{10a}$  is ethyl, propyl, isopropyl, or trans-propenyl, and  $X_3$  is 2-furyl or 3-furyl.

184. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl,  $R_{10a}$  is ethyl, propyl, isopropyl, or trans-propenyl, and  $X_3$  is 2-thienyl or 3-thienyl.

185. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl,  $R_{10a}$  is 2-thienyl or 2-furyl, and  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, or 3-thienyl.

186. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is phenyl,  $R_{10a}$  is ethyl, and  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, or 3-thienyl.

187. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is ethyl,  $R_{10a}$  is ethyl, cyclopropyl, or propyl, and  $X_3$  is 2-thienyl or 2-furyl.

188. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is 2-furyl or 2-thienyl,  $R_{10a}$  is ethyl, cyclopropyl, or propyl, and  $X_3$  is 2-thienyl.

189. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl,  $R_{10a}$  is cyclopropyl, and  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, or 3-thienyl.

190. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is isobutyl,  $R_{10a}$  is cyclopropyl or propyl, and  $X_3$  is 2-furyl or 3-furyl.

191. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is isobutyl,  $R_{10a}$  is cyclopropyl, propyl, or ethyl, and  $X_3$  is 2-thienyl.

192. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is trans-propenyl, isobutenyl, or butenyl,  $R_{10a}$  is propyl, cyclopropyl, or ethyl, and  $X_3$  is 2-thienyl.

193. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is butenyl or trans-propenyl,  $R_{10a}$  is propyl, cyclopropyl, or ethyl, and  $X_3$  is 2-furyl.

194. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is trans-propenyl,  $R_{10a}$  is n-propyl, cyclopropyl, or ethyl, and  $X_3$  is 3-furyl.

195. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is phenyl,  $R_{10a}$  is cyclopropyl, and  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, or 3-thienyl.

196. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is n-propyl,  $R_{10a}$  is cyclopropyl, ethyl, or propyl, and  $X_3$  is 2-furyl.

197. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is n-propyl,  $R_{10a}$  is cyclopropyl or propyl, and  $X_3$  is 2-thienyl.

198. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is isobutyl,  $R_{10a}$  is propyl, and  $X_3$  is 2-furyl.

199. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is isobutyl,  $R_{10a}$  is n-propyl, cyclopropyl, or ethyl, and  $X_3$  is 3-thienyl.

200. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is isopropyl,  $R_{10a}$  is ethyl, cyclopropyl, or propyl, and  $X_3$  is 2-thienyl or 2-furyl.



201. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is t-butyl,  $R_{10a}$  is isobutenyl, and  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, or 3-thienyl.

202. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is 2-furyl or 2-thienyl,  $R_{10a}$  is ethyl, cyclopropyl, or propyl, and  $X_3$  is 2-furyl.

203. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is trans-propenyl,  $R_{10a}$  is cyclopropyl, and  $X_3$  is 3-thienyl.

204. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is phenyl,  $R_{10a}$  is propyl, and  $X_3$  is 2-furyl or 2-thienyl.

205. (new) The taxane of claim 91 wherein  $X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is tert-amyl,  $R_{10a}$  is ethyl, and  $X_3$  is 2-furyl.